



THORNTON CLEVELEYS
URBAN DISTRICT COUNCIL



ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND
CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR
1961

Thornton Cleveleys
Urban District Council.

*With the
Compliments
of the
Medical Officer of
Health*

*Council Offices,
Thornton Cleveleys,
Blackpool.*



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1.

T H O R N T O N C L E V E L E Y S
U R B A N D I S T R I C T C O U N C I L.

HEALTH COMMITTEE - 1961.

CHAIRMAN: Councillor MISS E. PORTER, J.P. M.R.S.H.

VICE-CHAIRMAN: Councillor A.L.SIMPSON.

Councillor C.R.ASHWORTH.

Councillor MRS I. CASS, J.P.

Councillor I.I.FREEBAIRN.

Councillor A. GRIMSHAW.

Councillor H. TRUEMAN.

Councillor T. WARD.

CHAIRMAN OF THE COUNCIL:

COUNCILLOR MRS. I. CASS, J.P.

PUBLIC HEALTH OFFICERS.

MEDICAL OFFICER OF HEALTH:

CHARLES ROBERTSON WILSON, M.B., Ch.B., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR.
AND CLEANSING OFFICER:

ARTHUR EDWARD BARNES, M.R.S.H., M.P.H.I.A., M.I.P.C.
(Certified Meat and Food Inspector).

STAFF.

TECHNICAL:

Public Health Inspector:	KENNETH E. EMERY. M.R.S.H., M.P.H.I.A. Food Hygiene Diploma - R.S.H. (Certified Meat & Food Inspector).
Technical Assistant:	JEFFREY HILL. (Qualified May, 1961- Left July, 1961).
Pupil Public Health Inspector.	ROY SQUIRE. (Commenced 1st August, 1961).

CLERICAL:

Chief Clerk:	MISS S. A. SIMCOCK.
Clerk:	JOHN S. SHEDWICK. (Left October 1961).
Clerk:	MISS B. A. EDMONDSON. (Commenced November, 1961).

MEDICAL OFFICER'S REPORT.

Council Offices,
THORNTON CLEVELEYS.

To the Chairman and Members of the
Thornton Cleveleys Urban District Council.

Madam Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report on the work of the Health Department for the year 1961.

The population of the Urban District on the Registrar General's mid 1961 estimate, shows an increase of approximately 2,000 on the 1960 figures. The district is a much favoured residential area and one where new building is taking place.

The adjusted Birth Rate for 1961 was identical at 15 per 1,000 population with that for the previous year, ~~where~~ the Adjusted Death Rate was almost one per thousand more.

There were eight infant deaths under 1 year old as compared with five in 1960, six of these eight ~~living~~ ^{being} in the neo-natal period (i.e. under 1 month old). These two additional deaths have the effect of raising the 1961 Infant Mortality rate from 18.9 per thousand live births to 26. Five of the six deaths in the neo-natal period were due to congenital malformations. Of the 325 total deaths in the district, 248 were over 65 years of age: 306 over 45. This again speaks well for the general health level of the area.

Of the 27 malignant tumour growths recorded as causes of death, twelve, or nearly half, were due to lung cancer. This is three times the number (four) recorded in 1960 and is in line with the generally noted increase in cancerous growths in this particular site. It would be well if all round serious thought were given to the recent report of the Royal College of Physicians on the association of Lung Cancer with heavy cigarette smoking.

/Notifiable infectious

Notifiable infectious illness again showed some seasonal cases of measles but some sixty fewer than the preceding year. Chicken pox provided the largest number of notifications. The Dysentery cases were mainly cases resident within Thornton Cleveleys district but connected with outbreaks outside this area.

I would acknowledge with thanks the continued friendly co-operation of Mr. Barnes and the other members of the Health Department staff, and the active interest displayed in the work of the department by the members of the Health Committee.

Yours faithfully,

C. ROBERTSON WILSON.

Medical Officer of Health.

VITAL STATISTICS.

Home Population(Registrar-General's Estimate, mid-1961).....			20,530
<u>LIVE BIRTHS:</u>	<u>M.</u>	<u>F.</u>	<u>Total.</u>
Legitimate.....	144	159	303
Illegitimate.....	3	2	5
	<u>147</u>	<u>161</u>	<u>308</u>
Live Birth Rates per 1,000 of Population :-			
Crude Rate.....			15.0
Adjusted Rate.....			15.0
Illegitimate live births per cent of total live births.....			1.6
<u>DEATHS(ALL CAUSES):</u>	<u>M.</u>	<u>F.</u>	<u>Total.</u>
Number registered.....	165	160	325
Death Rate per 1,000 of Population:			
Crude Rate.....			15.8
Adjusted Rate.....			15.2
<u>STILLBIRTHS:</u>	<u>M.</u>	<u>F.</u>	<u>Total.</u>
Legitimate.....	2	3	5
Illegitimate.....	-	-	-
	<u>2</u>	<u>3</u>	<u>5</u>
Rate per 1,000 total births.....			16.0
<u>MATERNAL MORTALITY:</u>			
Number of deaths registered.....			Nil
Maternal Mortality Rate per 1,000 Total Births.....			Nil
<u>INFANT MORTALITY:</u>	<u>M.</u>	<u>F.</u>	<u>Total.</u>
Number of deaths registered(under 1 year)	5	3	8
Rate per 1,000 Live Births.....			26.0
Rate per 1,000 Live Births(Legitimate)			26.0
Rate per 1,000 Live Births (Illegitimate)			Nil
<u>NEO-NATAL:</u>	<u>M.</u>	<u>F.</u>	<u>Total.</u>
Number of deaths registered(under 4 weeks).....	4	2	6
Rate per 1,000 Live Births.....			19.5
Number of deaths registered(under 1 week)	2	2	4
Rate per 1,000 Live Births.....			13.0
Perinatal mortality rate per 1,000 total births.			28.8

VITAL STATISTICS - CONTINUED.

	PER 1,000 OF ESTIMATED POPULATION.					Maternal Mortality Rate. Per 1,000 Live Births.	Infantile Mortality Rate. Per 1,000 Live Births.
	Live Birth Rate. (Crude).	Crude Death Rate.	Death Rate from Tuberculosis of respiratory system.	Death Rate from Cancer.			
<u>MEAN OF 5 YEARS:</u> 1956-1960. 1960. 1961.	13.1 14.3 15.0	17.0 16.0 15.8	0.11 0.22 0.05	2.77 2.64 2.87		Nil. Nil. Nil.	28.7 18.9 26.0
<u>INCREASE OR DECREASE IN 1961 ON 5 YEARS' AVERAGE;</u>							
1956-1960.	+ 1.9	- 1.2	-0.06	+0.10		Nil.	+ 3.3
<u>ON PREVIOUS YEAR:</u> 1960.	+ 0.7	- 0.2	-0.17	+0.23		Nil.	+ 7.1

1961 - Adjusted Birth Rate(Comparability factor 1.00) = 15.0
 1961 - Adjusted Death Rate(Comparability factor 0.96) = 15.2

BIRTH, DEATH & INFANTILE MORTALITY RATES (ADJUSTED):

Year.	Birth Rate.	General Death Rate.	Infantile Mortality Rate.
1956	14.5	12.6	37
1957	13.9	13.3	16
1958	16.0	13.4	22
1959	15.9	15.8	19
1960	15.0	14.4	19
1961	15.0	15.2	26

STATISTICAL SUMMARY.

Area in statute acres.....	3,355
Population(1951 Census).....	15,437
Population(Estimated mid-1961).....	20,530
Density of Population per acre.....	6.1
Estimated number of inhabited houses(December,1961)	7,839
Average number of persons per house.....	2.6
Rateable Value.....	£388,548
Sum represented by a Penny Rate.....	£ 1,640
Live Births.....	308
Live Birth rate per 1,000 Population(adjusted).....	15.0
Still Births.....	5
Still Birth Rate per 1,000 live and still births...	16.0
Total live and still births.....	313
Total Deaths.....	325
Death Rate per 1,000 population (adjusted).....	15.2
Infant deaths(under 1 year).....	8
Infant mortality rate per 1,000 live births(total)...	26.0
Infant mortality rate per 1,000 live births (legitimate).....	26.0
Infant mortality rate per 1,000 live births (illegitimate).....	Nil
Neo-Natal mortality rate per 1,000 live births (first 4 weeks).....	19.4
Early neo-natal mortality rate per 1,000 live births.....	13.0
Perinatal mortality rate per 1,000 total births...	28.8
Illegitimate live births per cent of total live births.....	1.6
Maternal deaths(including abortion).....	Nil
Maternal mortality rate per 1,000 live and still births.....	Nil
Respiratory Tuberculosis Rate per, 1,000 Population	0.05
Cancer Death Rate(Malignant Neoplasm).....	2.87
Influenza Death Rate.....	0.3
Pneumonia(all forms) death rate.....	0.37
Other Respiratory diseases(all forms).....	0.86

LOCAL ACTS IN FORCE IN THE DISTRICT
DEALING WITH SANITARY ADMINISTRATION.

Thornton Urban District Council Act.....	31st July, 1923
Thornton Cleveleys Improvement Act.....	31st July, 1936
Lancashire County Council(General Powers)Act.....	1951

BYE-LAWS.

New Streets and Buildings.....	1926 & 1937
Building Bye-Laws(Public Health Act, 1936).....	1954
Pleasure Grounds.....	1938
Bye-Laws under Sec.15. Food & Drugs Act, 1938.....	1950
Bye-Laws under Sec.81. Public Health Act, 1936.....	1951
Bye-Laws under Sec.61. Public Health Act, 1936 & Sec.24, Clean Air Act,1956..	1959

PHYSICAL FEATURES AND GENERAL
CHARACTER OF THE DISTRICT.

By the Lancashire(Central and Western Areas) Review Order, 1934, a part of the Township of Carleton, containing 354 acres, was added to the Urban District on the 1st April, 1934. The district is bounded on the West by the Irish Sea; on the East by the River Wyre; on the North by the Borough of Fleetwood and on the South by the County Borough of Blackpool.

GEOLOGY.

The general sub-soil of the district is clay which is overlaid with a thick layer of alluvial deposit (blue silt), varying in thickness from four to eight feet. On top of this is a thin layer (about four inches) of peaty matter. This was found in considerable thickness in Butts Road (North Ward) and also in Fleetwood Road (East Ward). On top of this again is a layer of sandy soil or a mixture of soil and clay, varying in thickness from two and a half feet to four feet. The surface covering is about six inches in thickness. From above downwards we get: (1) surface covering, (2) mixture of soil and clay or sandy soil, (3) peat, (4) silt, (5) boulder clay.

CLIMATE.

The prevailing wind is a westerly sea breeze and together with the usually mild winters, produces a temperate and very bracing climate.

AREA AND DETAILS OF POPULATION.

As previously mentioned, the area of Thornton Cleveleys was increased by the inclusion of a part of the Parish of Carleton, on the 1st April, 1934, the total area now being given as 3,355 acres.

The average number of persons per acre is 6.1

WARD BOUNDARIES.

The Ward Boundaries were altered during 1958 and came into operation in May, 1959. The new Wards are as follows:-

NORTH WARD - This is the industrial area of the district and has within its boundaries the Works of the Imperial Chemical Industries, Ltd., It is bounded on the North by the Borough of Fleetwood; on the West by the Eastern boundaries of South and West Wards; on the East by the River Wyre and on the South by the Northern boundary of East Ward.

The number of houses in North Ward is 1,885.

SOUTH WARD - The Western boundary is the sea front and the Eastern boundary is the Western boundaries of North and East Wards. The Southern boundary is the Borough of Blackpool. It is flat in character and contains a large residential area and also many hotels and boarding houses. The number of houses in South Ward is 1,590.

EAST WARD - This is the agricultural area of the district and also includes part of the added area. Its boundaries adjoin the North and South Wards; the River Wyre and the Urban District of Poulton-le-Fylde.

The number of houses in East Ward is 2,287.

WEST WARD - This Ward is bounded on the North by the Borough of Fleetwood; on the West by the sea front; on the East by the Western boundary of North Ward and on the South by the Northern boundary of South Ward. This Ward also is residential but contains many boarding houses and private hotels.

The number of houses in West Ward is 2,077.

SOCIAL CONDITIONS, INDUSTRIES, ETC.

During the last few years, the Cleveleys portion of the district has rapidly developed as a seaside holiday resort and with the additional amenities now provided, together with the activities of private builders, the district as a whole has greatly benefited.

The largest employers of labour within the district are the Imperial Chemical Industries, Ltd., who have large chemical and plastic Works on the Northern boundary. There is still a large portion of the district devoted to agriculture. Many people are employed at the Offices of the Ministry of Health, Pensions and National Insurance which are situated in our area.

VITAL STATISTICS.

Population at Census 1951.....15,437
 Population mid-1961.(Registrar-General).....20,530
 Number of inhabited houses at 31st December,1961. 7,839
 Average number of persons per house..... 2.6

BIRTHS.

During the year, 308 births were recorded by the Registrar-General, comprising 147 males and 161 females.

Birth Rate for district(adjusted): 15.0 per 1,000 as against 15.0 for 1960.

Still-births: 16.0 per 1,000(live and still)births.

DEATHS.

Based on a population of 20,530, the Registrar-General gives the Death Rate(adjusted) as 15.2, compared with 14.4 for 1960.

The allocation to the various Wards of the district (after excluding transferable deaths and including local residents dying outside the district) is as follows:-

<u>Ward.</u>	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
North.	37	38	75
South.	46	37	83
East.	36	42	78
West.	46	43	89
	<u>165</u>	<u>160</u>	<u>325</u>

DEATH RATE PER 1,000 OF POPULATION FOR:

(1)	Influenza.....	0.30
(2)	Other Respiratory Diseases(all forms).....	0.86
(3)	Pneumonia (all forms).....	0.37
(4)	Tuberculosis - Pulmonary.....	0.05
(5)	Tuberculosis - Non-Pulmonary.....	Nil
(6)	Malignant Neoplasm. (Cancer).....	2.87

INQUESTS AND INQUIRIES.

During the year there were 22 Inquests and Inquiries on persons dying in this area, as follows:-

NORTH WARD.

1. Male. 61 years. Pulmonary Embolus due to thrombosis of right leg due to pneumotitis.
2. Female. 50 years. Coronary Thrombosis.
3. Male. 68 years. Carcinomatosis due to Carcinoma of the left Bronchus.
4. Male. 60 years. Myocardial Degeneration due to Coronary Athero Sclerosis.

SOUTH WARD.

5. Male. 70 years. Coronary Occlusion.
6. Female. 84 years. Left Ventricular failure due to Coronary Thrombosis.
7. Female. 73 years. Cerebral Haemorrhage due to high blood pressure due to arterio sclerosis.
8. Female. 89 years. Myocardial degeneration due to athero sclerosis.
9. Male. 77 years. Coronary thrombosis due to athero sclerosis.

EAST WARD.

10. Female. 60 years. Subarachnoid haemorrhage.
11. Female. 82 years. Broncho pneumonia due to mitral stenosis.
12. Male. 57 years. Coronary Occlusion.
13. Female. 94 years. Cardiac tamponade due to rupture of heart muscle due to coronary thrombosis.

WEST WARD.

14. Female. 64 years. Hypostatic pneumonia due to multiple secondary growths due to primary cancer of the pancreas.
15. Male. 67 years. Cerebral haemorrhage.
16. Male. 46 years. Coronary Occlusion.
17. Male. 73 years. Coronary Occlusion.
18. Male. 62 years. Coronary Thrombosis.
19. Male. 78 years. Arterio sclerosis.
20. Male. 56 years. Coronary Occlusion.
21. Male. 34 years. Barbiturate poisoning through taking an overdose of sodium amytal capsules.
Killed himself whilst the balance of his mind was disturbed.
22. Female. 70 years. Cardiac Tamponade due to haemopericardium due to rupture of myocardial infarct.

AGES AT DEATH.

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Under 1 week... ..	2	2	4
1 week - 6 months.. ..	3	1	4
6 months - 12 months... ..	-	-	-
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TOTAL UNDER 1 YEAR	5	3	8
1 - 5 years	-	-	-
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TOTAL UNDER 5 YEARS... ..	5	3	8
5 - 15 years... ..	-	-	-
15- 25 years... ..	-	-	-
25- 45 years... ..	7	4	11
45- 65 years... ..	32	26	58
65 year and over... ..	121	127	248
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	165	160	325
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CAUSES OF DEATH.

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Tuberculosis - Respiratory.	1	-	1
Malignant Neoplasm, stomach	3	7	10
Malignant Neoplasm, Lung, bronchus. ...	11	1	12
Malignant Neoplasm, breast.	-	3	3
Malignant Neoplasm, uterus.	-	2	2
Other malignant & lymphatic neoplasms..	20	11	31
Leukæmia aleukæmia... ..	-	1	1
Diabetes... ..	-	1	1
Vascular lesions of nervous system ...	14	33	47
Coronary disease, angina... ..	35	10	45
Hypertension with heart disease	2	2	4
Other heart disease	29	49	78
Other circulatory disease..	5	2	7
Influenza..	2	4	6
Pneumonia..	4	3	7
Bronchitis.	12	2	14
Other disease of respiratory system ...	-	2	2
Ulcer of stomach & duodenum	-	2	2
Gastritis, enteritis and diarrhœa. ...	-	1	1
Hyperplasia of prostate	3	-	3
Congenital malformations... ..	3	2	5
Other defined and ill-defined diseases.	14	16	30
Motor Vehicle accident.	3	1	4
All other accidents.... ..	3	2	5
Suicide	1	3	4
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ALL CAUSES - TOTAL.	165	160	325
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INFECTIOUS DISEASE.

There were 306 cases of Infectious Disease notified during the year, as against 241 cases during 1960, and were as follows:-

	<u>Total cases notified:</u>
Scarlet Fever.	13
Measles... ..	106
Whooping Cough	3
Dysentery.	9
Chicken Pox... ..	164
Food Poisoning	4
Pneumonia.	7
Pulmonary Tuberculosis	3
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	309
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The distribution in relation to the various Wards of the district is as follows:-

	<u>North.</u>	<u>South.</u>	<u>East.</u>	<u>West.</u>	<u>Total.</u>
Scarlet Fever.	2	3	2	6	13
Measles... ..	24	16	37	29	106
Whooping Cough	1	2	-	-	3
Dysentery.	1	-	1	7	9
Chicken Pox... ..	60	15	56	33	164
Food Poisoning	-	4	-	-	4
Pneumonia.	-	6	1	-	7
Pulmonary Tuberculosis	1	1	-	1	3
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	89	47	97	76	309
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FOOD POISONING OUTBREAKS.

No. of Cases.	No. of deaths.	Organisms or other agents responsible.	Foods involved.
4	-	Staph. Aureus.	Not known.

C A S E S N O T I F I E D.

The following Table shows the number of cases and the Months in which they were notified.

DISEASE.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL.
Scarlet Fever.	-	-	5	1	2	1	-	-	-	-	2	2	13
Measles.	12	13	2	26	30	17	2	-	1	-	1	2	106
Whooping Cough.	-	-	-	-	-	2	-	-	-	1	-	-	3
Dysentery.	-	-	-	-	-	3	3	1	-	-	-	2	9
Chicken Pox.	10	8	4	47	17	19	22	7	1	8	13	8	164
Food Poisoning.	-	-	-	-	-	4	-	-	-	-	-	-	4
Pneumonia.	7	-	-	-	-	-	-	-	-	-	-	-	7
Pulmonary Tuberculosis.	-	3	-	-	-	-	-	-	-	-	-	-	3
TOTAL:	29	24	11	74	49	46	27	8	2	9	16	14	309

CASES NOTIFIED.AGE PERIODS.

DISEASE.	Under 1 Year	1-2	2-3	3-4	4-5	5-10	10- 15	15- 20	20- 35	35- 45	45- 65	Over 65	TOTAL.
Scarlet Fever.	-	-	-	1	2	7	3	-	-	-	-	-	13
Measles.	4	13	12	17	10	42	5	2	1	-	-	-	106
Whooping Cough.	1	-	-	-	1	1	-	-	-	-	-	-	3
Dysentery.	-	1	3	1	-	1	-	-	3	-	-	-	9
Chicken Pox.	8	6	8	11	18	89	18	2	2	2	-	-	164
Food Poisoning.	-	-	-	-	-	1	1	2	-	-	-	-	4
Pneumonia.	-	-	-	-	-	-	-	-	-	-	-	7	7
Pulmonary Tuberculosis.	-	-	-	-	-	-	-	1	-	1	-	1	3
TOTAL.	13	20	23	30	31	141	27	7	6	3	-	8	309

TUBERCULOSIS.

The following Table shows the age periods of the cases notified & deaths which have occurred.

AGE GROUPS.	NEW CASES.				DEATHS.			
	PULMONARY.		NON-PULMONARY.		PULMONARY		NON-PULMONARY.	
	MALES.	FEMALES.	MALES.	FEMALES.	MALES.	FEMALES.	MALES.	FEMALES.
1 - 5 yrs.	-	-	-	-	-	-	-	-
5 -10 yrs.	-	-	-	-	-	-	-	-
10-15 yrs.	-	-	-	-	-	-	-	-
15-20 yrs.	-	1	-	-	-	-	-	-
20-25 yrs.	-	-	-	-	-	-	-	-
25-35 yrs.	-	1	-	-	-	-	-	-
35-45 yrs.	-	-	-	-	-	-	-	-
45-55 yrs.	-	-	-	-	-	-	-	-
55-65 yrs.	-	-	-	-	1	-	-	-
65 yrs. & over.	-	1	-	-	-	-	-	-
Age unknown.	-	-	-	-	-	-	-	-
TOTAL:	-	3	-	-	1	-	-	-

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT.

Council Offices,
THORNTON CLEVELEYS.

TO THE CHAIRMAN AND MEMBERS OF THE
THORNTON CLEVELEYS URBAN DISTRICT COUNCIL.

Madam Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report of the Sanitary and Cleansing Department of the Council for the year, 1961.

The work of the department continued satisfactorily during the year. Due to the rapid development of the district and the expanding work of the department, the officers are at times working under considerable pressure. During the last ten years the number of houses has increased by nearly 3,000 and the population by over 5,000. It has been our constant endeavour to maintain the general high standard in the environmental health field but this has not always been possible due to the limited number of technical officers.

Again much attention has been given to the inspection of food premises and more improvements have been made. I am of the opinion that more frequent and regular inspections of all types of food premises are required in a holiday resort such as ours.

Some progress was made in the clearance of unsatisfactory houses. Two Clearance Areas were represented during the year, viz. "Daisy Bank", and "Hawthorne Road". Two enquiries were held by an Inspector from the Ministry of Housing and Local Government and at the end of the year the decision was not known. The tenants from the Victoria Road East Clearance Area were rehoused during the year; the old houses demolished and the site cleared.

/A re-organisation

A re-organisation of the refuse collection services was carried out, and complete new rounds made. A weekly collection of domestic refuse was maintained throughout the year. The disposal of all refuse was dealt with at the Council's Tip at the Foreshore of the River Wyre.

I wish to record my sincere thanks to the members of the Council and the Health Committee, for their ever-ready help and co-operation in all matters affecting the sanitary conditions of our district.

I especially thank the members of my staff for their helpful and loyal co-operation during the year.

I am,

Ladies and Gentlemen,

Yours faithfully,

A. E. BARNES.

Chief Public Health Inspector.

SANITARY CIRCUMSTANCES IN THE AREA.WATER SUPPLY.

The district is supplied by the Fylde Water Board, the water being of good quality, pleasantly soft and of a peaty nature. Only one outlying house depends on well water.

Six samples of water were obtained from the mains supply, three submitted for bacteriological examination; and three for chemical analysis. All samples were satisfactory. Ten samples of mains water were taken by the Fylde Water Board from a tap in the Council's Depot, for bacteriological examination and these proved satisfactory.

Some complaints were received with respect to the water in certain parts of the district smelling and tasting of chlorine. The complaints received the immediate attention of the water undertaking.

Statistics.

Total number of houses supplied by Fylde Water Board..	7838
Total number of houses dependent upon well water.....	1
	<hr/>
	7839
	<hr/>

The only house in the district dependent upon well water is remote from any mains supply and it would be impossible, except at exorbitant cost, to have it connected to the mains supply.

DRAINAGE AND SEWERAGE.

Owing to the flat nature of the district, a system of electrical pumps and ejectors worked by compressed air, is in operation. The sewage is discharged near dead low water mark into the sea. No extensive additions were made to the sewers during the year, but additions were made to drain new housing estates.

Statistics.

Dwelling-houses using water carriage system.....	7823
Dwelling-houses using waste water closets.....	-
Dwelling-houses using privy middens.....	1
Dwelling-houses using pail closets.....	14
Dwelling-houses dependent upon well water.....	1
	<hr/>
	7839
	<hr/>

Conversions during the year.

There were four conversions during the year; four fresh water closets being provided in lieu of pail closets, and were in respect of three cottages and one farm.

It will not be possible for further conversions to take place until the sewers are extended. The 15 houses without modern sanitary accommodation are farms or outlying cottages and to which no sewers are available. There is still one privy midden which has not yet been converted to a pail closet.

DRAINAGE.

There are some premises in the district which are not connected to the Council's sewers, but which have septic tanks and filters, some of which discharge to adjacent watercourses. Some of these are not satisfactory but are mostly in districts where no sewers are available.

During the year some septic tanks were cleaned out and the filters renewed. This resulted in improved effluents.

IMPROVEMENTS OBTAINED AS A RESULT OF ACTION BY THE DEPARTMENT.

New rest bends and gullies installed.....	5
Broken pipes renewed.....	3
Additional inspection chambers installed.....	3
Drains re-laid.....	4
Drains cleansed from obstruction.....	296

The department employs a man part-time on drainage work, the cost of clearing and cleansing the blocked drains being borne by the owner or occupier. This service to the public is much appreciated and also helps in the efficient working of the department. Preparation and service of notices is thus avoided, unless the blockage is due to structural defect of the drains.

PUBLIC CLEANSING.

The work of the Public Cleansing section of the department has proceeded in a satisfactory manner. The collection of refuse and salvage was carried out by 2 "W" type S.D. fore and aft tippers, all with cabs to accommodate drivers and loaders. A special weekly collection of wastepaper salvage from shops and business premises was carried out by a "Newcastle" type freighter.

During the year a replacement vehicle, diesel fore and aft tipper, was put into commission and this has proved highly satisfactory.

The vehicles used in the department are as under:-

S.D.1.	"W" Type Fore and Aft tipper.	Licensed April, 1957.
S.D.2.	"W" Type Fore and Aft tipper.	" March, 1958.
S.D.3.	"TW" Type diesel, Fore & Aft tipper.	" March, 1961.
S.D.5.	"Newcastle" Type side loader.	" May, 1948.

It is intended to replace vehicle S.D.5. with another "TW" Type diesel, fore and aft tipper. This type of vehicle is eminently suitable for a district such as ours where the refuse is bulky and of a light nature, containing much garden refuse. Due to the employment of larger-type vehicles, the number of journeys to the disposal point has been considerably reduced.

Throughout the year a weekly collection of refuse and salvage from all premises in the district, was maintained. This is essential if we are to maintain our salvage collection. It was found necessary to implement the number of employees engaged on this work from time to time, to keep up this standard.

Costing-Refuse Collection (Year Ending 31.3.1962).

	£	£
Total gross cost involved-collection of house, shop & trade refuse.....		15,656
Net cost of Salvage: Sales.....	1,894	
Cost.....	<u>1,727</u>	<u>167 CR.</u>
		15,489
Income - Trade Refuse, etc.....		<u>160</u>
		<u>15,329</u>
Expenditure per 1,000 houses per annum.....		£1,944.
Expenditure per 1,000 population per annum....		£ 747.

DISPOSAL OF REFUSE.

All the refuse collected was disposed of by controlled tipping methods on land owned by the Council at the River Wyre foreshore. This portion of the site is now nearly completed and the Council purchased additional land adjacent to the site for refuse disposal purposes. The area of land reclaimed can be made suitable for recreational purposes as the Council wish to decide. Little trouble was experienced with the embankment and the costs involved in the maintenance were very low.

Costings-Refuse Disposal (Year Ending 31.3.1962).

Number of loads.....	2,124
Estimated weight(tons).....	7,434
Total Cost.....	£2,111
Cost per ton.....	5/8
Cost per 1,000 houses per annum.....	£269
Cost per 1,000 population per annum.....	£102

Costings-Refuse Collection and Disposal.
(Year Ending 31.3.1962).

Total Cost.....	£17,440
Cost per 1,000 houses per annum.....	£ 2,225
Cost per 1,000 population per annum.....	£ 849

COLLECTION AND DISPOSAL OF SALVAGE.

The Council continued with the collection of wastepaper and other salvage during the year, although there was little call for iron and metals. The price for wastepaper during the year was £7. per ton until the 1st April, 1961, when this was increased to £7. 10. 0. per ton, and remained at that figure for the rest of the year. If local authorities are to continue with the collection of salvage, economic prices for the disposal of that salvage must be available and this is not always so. The amount of salvage collected during the year was slightly less than that collected the previous year and the income therefore was down by approximately £15.

Thanks are due to all the workmen engaged in refuse and salvage collection and disposal, for the co-operation they have given during the year.

SALVAGE DISPOSED OF DURING YEAR ENDING 31st DEC. 1961.

	tons.	cwts.	qrs.	£.	s.	d.
Wastepaper.....	257.	2.	2.	1,895.	8.	9.
Scrap Metal.....	1.	1.	0.	1.	5.	0.
	<u>258.</u>	<u>3.</u>	<u>2.</u>	<u>1,896.</u>	<u>13.</u>	<u>9.</u>

REFUSE COLLECTION STATISTICS.

	<u>1961.</u>
Estimated tonnage collected.....	7,553
Total mileage run by vehicles.....	23,621
Number of visits to premises.....	414,534
Number of ash bins emptied.....	455,034

EMPLOYEES.

Foreman.....	1
Motor Drivers.....	4
Refuse and Salvage Collectors.....	15
Paper Balers.....	1
Tip Attendants.....	1
Total:	22

The above figures show the minimum labour requirements of the department at present, but it is necessary from time to time to increase this labour force due to the growth of the number of houses in the district and the fact that during the holiday period, additional collections have to be given. The cost of the collection of refuse has to be kept under constant review or it could become a very expensive item.

MONTHLY ANALYSIS OF REFUSE COLLECTION AND DISPOSAL.

<u>Month.</u>	<u>Loads.</u>	<u>Visits to premises.</u>	<u>Ashbins emptied.</u>	<u>Mileage.</u>
January.	188	34,875	38,505	1,718
February.	170	31,778	34,255	1,595
March.	222	39,311	42,855	2,238
April.	174	31,309	34,397	1,673
May.	208	38,780	42,742	2,158
June.	168	33,582	36,858	1,878
July.	172	33,481	36,935	1,866
August.	192	37,399	41,247	2,202
September.	156	31,875	35,188	1,792
October.	174	35,474	38,693	1,827
November.	164	33,330	36,394	2,844
December.	170	33,340	36,965	1,830
	2,158	414,534	455,034	23,621

It is established that the "W" type vehicles have an average load capacity of 3 tons. 10 cwts. The whole of the service connected with refuse collection was reviewed and a re-organisation took place. The area was divided into three collection areas and all the refuse in each area was collected weekly. This matter is constantly under review due to the rapid growth of the district. The figures this year show substantial increases over the previous year and we are having to face continual increased demands on the service.

SANITARY INSPECTIONS.

The following table shows the number of inspections carried out during the year.

Number of premises visited.....	4109
Number of defects or nuisances discovered.....	592
Number of defects or nuisances abated.....	550
Number of informal notices served.....	50
Number of Statutory Notices served.....	3

WORK CARRIED OUT.Sanitary Accommodation:

Water closets repaired.....	2
Water closets limewashed.....	1
Additional water closets provided and/or replaced..	4
Defective cisterns repaired.....	2

Drainage and Yards:

New rest bends and gullies installed.....	5
Flooded cellars cleared.....	3
Additional inspection chambers installed.....	3
Drains re-laid.....	4
Drains cleansed from obstruction.....	296

Housing:

Repairs to hot water system.....	1
Defective eavesgutters, rainwater pipes, downspouts.	8
Pointing carried out.....	3
Eradication of dampness.....	5
Floors re-laid or repaired.....	5
Walls repaired or re-pointed.....	11
Roofs repaired and made weatherproof.....	10
Ceilings repaired.....	8
Windows and sills repaired or new ones provided....	11
Doors repaired or new doorways provided.....	5
Artificial lighting provided.....	1
Provision of concrete paths.....	1
Repairs to chimneys.....	3
Provision of air bricks.....	1
Provision of damp-proof course.....	5

Miscellaneous:

Land cleared of rubbish.....	4
Nuisance from animals abated.....	1
Cleansing of dykes.....	1
Smoke, smell and noise nuisances dealt with.....	6

SUMMARY OF VISITS MADE.

Number of complaints received and investigated.....	627
Visits to defective drains and drains tested.....	191
Drains cleansed from obstruction.....	296
Visits to owners, agents and contractors.....	35
Inspection of dairies, milkshops, vehicles, machines....	16
Visits to food premises-Food Hygiene Regulations.....	255
Visits re unsound foodstuffs.....	29
Visits to premises where ice cream is sold.....	13
Visits re hen and pig keeping.....	7
Inspection of shops - Shops Act, 1950.....	797
Samples taken - Ice Cream.....	48
Milk.....	116
Water.....	6
Ice Lollies.....	7
Visits to factories and workplaces.....	180
Visits to caravans and sites.....	68
Visits to cases of Infectious Disease.....	472
Visits re Rodent Control (Eradication).....	677
Visits re Rodent Control (Search and Survey).....	365
Visits re other vermin.....	24
Visits re refuse & salvage collection & disposal.....	2140
Special visits - re-arrangement of cleansing service..	7784
Articles and books disinfected.....	112
Premises disinfected.....	11
Articles destroyed.....	61
Enquiries re Council house tenancies.....	187
Inspection of Council houses.....	14
Visits re Improvement Grants.....	43
Housing Survey - Sub-Standard houses.....	116
Visits to Clearance Areas(Demolished).....	99
Housing Inspections - Housing Act.....	160
Housing Inspections - Public Health Act.....	31
Nuisances dealt with.....	6
Smoke, smell and noise observations.....	17
Visits re flooded land, gardens & water under floors..	51
Visits to dykes and watercourses and ponds in area....	10
Re-visits to work ordered or in progress.....	356
Visits re water supply.....	6
Visits re Rent Act.....	2
Diseases of Animals (Waste Food) Order.....	110
Visits re Pet Animals Act.....	3
Visits re Game Dealers Licences.....	2
Visits re National Assistance Act.....	6
Visits re septic tanks and water closets.....	6
Inspection of beach.....	1
Miscellaneous Inspections.....	73

PUBLIC HEALTH ACT, 1936
HOUSING ACT, 1957.

Details of Statutory Notices Served.

<u>Act and Section.</u>	<u>Reason for Notices.</u>	<u>No. of Notices served.</u>	<u>No. complied with at end of year.</u>
Housing Act, 1957, Section 9.	Housing defects.	1	-
Public Health Act, 1936. Sec.93.	Nuisances.	2	-
Public Health Act, 1936. Sec. 39.	Defective Wastepipe.	1	1

CLEAN AIR ACT, 1956.

There are no smoke control areas in the district and none are contemplated in the near future. Some complaints were received regarding alleged smoke nuisances and these were investigated and appropriate action taken. Some complaints were received regarding fumes and smell and active co-operation was received from H.M. Alkali Inspector. As a result of this, improvements have taken place at one large Works in the area with a view to mitigating any possible cause for complaint.

OFFICES ACT, 1960.

It is known that there are more than 40 offices in the area and this number is constantly growing. If and when new legislation is introduced, the inspection of offices will be resumed.

SWIMMING BATHS AND POOLS.

There is no public swimming bath in the area but there is one privately-owned pool which is open to the public.

OFFENSIVE TRADES.

There are 11 in number and are confined exclusively to fish friers. Regular inspections are made and conditions generally are found to be satisfactory.

RAG FLOCK & OTHER FILLING MATERIALS ACT, 1951.

No premises in the area are licensed for the manufacture of rag flock or other filling materials. There are two premises on the register where filling materials are used - the provisions of the Act being complied with.

PET ANIMALS ACT, 1951.

Two pet shops were on the register at the end of the year. Inspections have been carried out and the premises appear to be conducted in a proper manner, the provisions of the Act being complied with.

DISEASES OF ANIMALS(WASTE FOODS)ORDER,1957.

Upon the application of the Council, the County Council delegated their functions under the above Order, to us as and from the 1st July, 1959.

1. Number of plants licensed at time of delegation.....	3
2. Number of plants licensed since delegation.....	9
3. Number of licences cancelled or revoked.....	4
4. Number of prosecutions.....	0
5. Number of inspections to licensed plants.....	30

PUBLIC HEALTH AMENDMENT ACT,1907.SECTION 86.DEALERS IN OLD METAL AND MARINE STORE DEALERS.

The provisions of the above Act are in operation and two Certificates are in existence in respect of premises in the Thornton area.

DISINFECTION.

Disinfection is carried out by means of a formalin spray or by formalin fumigators. A Thresh steam disinfecter is in the Council's Depot and is used for bedding, clothing, books, etc. Disinfection is carried out on request in houses where deaths have occurred from cancer, infectious disease cases removed to hospital and all cases where deaths have occurred from pulmonary tuberculosis.

Total number of infectious diseases notified...	309
Total number of premises disinfected.....	5
Total number of articles disinfected.....	112
Total number of articles destroyed.....	64

SCHOOLS.

The general condition of the schools in the area can be considered satisfactory, all being supplied with Fylde water and in each case modern water closets are provided. The seven schools(excluding private schools) are under the control of the Lancashire Education Committee and are inspected as required.

DESTRUCTION OF DOMESTIC PETS.

Destruction of domestic pets is now carried out by chloroform and for a charge of 1/- any person can have a dog or cat painlessly destroyed. The department undertakes the proper disposal of the carcasses.

Number of dogs destroyed in 1961.....	34
Number of cats destroyed in 1961.....	30
	<hr/>
	64
	<hr/>
Income from destruction of animals.....	£3. 4. 0.
Income from sale of carcasses.....	£5. 0. 0.
	<hr/>
	£8. 4. 0.
	<hr/>

SHELL FISH.

There are no shell fish beds in our area.

MORTUARY.

A modern mortuary possessing equipment in accordance with present day practice, has been in use throughout the year. It was used on 85 occasions and 81 post-mortems were conducted by the Police Surgeon.

By arrangement, an adjacent Borough Council and an Urban District Council have the joint use of our mortuary at agreed charges. This arrangement is still in operation and is proving satisfactory.

PARTICULARS OF USE OF MORTUARY.

Thornton Cleveleys.....	28
Fleetwood Borough Council.....	38
Poulton-le-Fylde U.D.C.(from 1st Aug.1961).....	10
Used at request of Coroner.....	9
	<hr/>
Total:	85
	<hr/>

VERMINOUS PREMISES.

Several complaints received during the year were thoroughly investigated, advice and help being given. Minor and new infestations are dealt with by the department in co-operation with the tenants or owners concerned. The eradication of vermin is carried out by proprietary liquid insecticide and D.D.T. Powder.

Eradications carried out.

Cockroaches...	...	...	...	...	...	...	...	...	...	9
Ants..	...	...	...	...	...	...	...	...	...	11
Fleas.	...	...	...	...	...	...	...	...	...	1
Wasps Nests...	...	...	...	...	...	...	...	...	...	3

MOVABLE DWELLINGS & CAMPING SITES.

The control of movable dwellings and camping sites in this area is now under the Caravan Sites and Control of Development Act, 1960. We no longer use the provisions contained in the Thornton Cleveleys Improvement Act, 1936.

The applications received under the Act in respect of the three existing sites, were considered by the Council. The owners were interviewed and agreement reached on the reduction of the number of caravans on the various sites and additional sanitary and other facilities to be provided.

Particulars of the sites and the reduced numbers are as under:-

No. 1. Site.....	206 to be reduced to 180
No. 2. Site.....	40 to be reduced to 30
No. 3. Site.....	30 to be reduced to 24

No. 1. Site is a holiday site and Nos. 2 and 3 Sites are residential. Large and extensive work was proceeding at the end of the year at the holiday site and proposals regarding the work at the other two sites were accepted by the Council. In each case the Model Standards were used as a guide for our requirements.

During the year each site has been conducted in a satisfactory manner and there was no cause for serious complaint.

SHOPS ACT, 1950.

A survey of shops was carried out twice during the year and for this purpose 797 visits were made. Shops coming within the scope of the Factories Act have been included in the following list, the record of inspections being included under Factories.

Particulars of Shops visited.

Grocers and Mixed Businesses.....	62
Bakers and Confectioners.....	18
Sweets, tobacco, newsagents, stationers.....	41
Drapers, fancy goods, china and antiques.....	33
Ladies and Gents Hairdressers.....	32
Outfitters and Milliners.....	25
Fried Fish Shops.....	11
Butchers shops.....	23
Boot and shoe Retailers and Repairers.....	15
Greengrocers, Fishmongers and Florists.....	23
Chemists and Herbalists.....	13
Electric, gas, radio, T.V., cycle & car dealers, etc....	20
Hardware.....	18
Off Licences.....	7
Plumbers and Painters.....	6
Furnishers.....	7
Pet Stores.....	2
Opticians.....	2
Dyers and Cleaners and Agents.....	5
Watch Repairers and Jewellers.....	5
Photographic Studio.....	1
Second Hand Dealers.....	2
Booking Offices and Travel Agencies.....	2
Markets.....	3
Multiple Stores.....	1
Laundrette.....	1

R O D E N T C O N T R O L .

The test-baiting of the foul sewers was not carried out during the year, an Exemption Certificate being in operation until 31st March, 1961.

The charges for treatment are as follows:-

Private dwelling-houses.....10/-d.
Boarding houses, hotels,
business premises.....Time @ 8/6 hr.plus
cost of baits used.

Statistics for year.(1st Jan.to 31st Dec.1961).

Number of complaints received.....	132
Number of infestations.....	93
Number of visits for purposes of eradication.....	677
Number of premises successfully treated by L.A.....	58
Number of visits made - "Search & Survey".....	365

PREVENTION OF DAMAGE BY PESTS ACT,1949.

It was not found necessary to serve any Notices under the provisions of the above Act. A few intimation notices were served and these were sufficient to secure the co-operation of the people concerned. We experienced no difficulty in regard to the operation of the Act.

Statistics for 12 months ended 13.12.61.

	Type of Property.		
	Non-Agricultural.		Agricul- tural.
	Dwelling- houses.	All other.	
a) No.of properties in district..	7839	681	60
b) No.of properties inspected....	80	710	9
c) Total inspections carried out. (incl.re-inspections).....	240	783	19
d) No.of properties inspected which were found to be infested by:-			
Rats - major.....	-	3	-
Rats - minor.....	36	23	1
Mice - major.....	1	4	-
Mice - minor.....	12	13	-
e) No.of infested properties treated.....	25	32	1
f) Total treatments carried out.. (incl.re-treatments).....	25	32	1
g) No.of "Block" control schemes carried out.....	-	-	-

FACTORIES ACT, 1937.

Records are kept of all premises coming within the scope of the Factories Act and regular inspections are made. Particulars of inspections, defects, contraventions found and remedied, are enumerated in the following tables. There are no under-ground bakehouses in the district.

1. Inspection of Factories & Other Premises.

Premises.	No. on Register.	Inspections.	Written Notices.
Factories (without mechanical power).....	30	30	-
Factories (with mechanical power).....	122	150	-
Total:	152	180	-

2. Defects found in Factories & Other Premises.

	No. of cases in which defects were found:	
	Found:	Remedied:
Want of cleanliness.....	9	3
Inadequate ventilation.....	1	1
Sanitary Conveniences:		
a) Unsuitable or defective.	1	1
b) Not separate for sexes..	1	1
Total:	12	6

3. The following Table gives the type of premises in the area coming within the scope of the Act.

	With Mechanical Power.	Without Mechanical Power.
Bakehouses.....	19	-
Plumbers and painters.....	2	7
General Workers.....	21	7
Joiners and Builders.....	18	2
Motor Engineers.....	12	1
Nurserymen.....	6	12
Boot and shoe repairers.....	8	1
Hairdressers.....	32	-
Chemical, Alkali, Plastic Work.....	4	-
Total:	122	30

H O U S I N G.Number of new houses erected during 1961:

- (i) By the local authority..... -
(ii) By other bodies or persons..... 354
(iii) Total number of houses in area..... 7839

New Houses erected in 1961. (Ward Distribution).

North Ward.....	117
South Ward.....	31
East Ward.....	61
West Ward.....	<u>145</u>
	<u>354</u>

1. Inspection of dwelling-houses during year:

- (1) (a) Total No. of dwelling-houses inspected formally or informally for housing defects (under Public Health or Housing Acts)..... 114
(b) No. of inspections, formal or informal, made for the purpose..... 449
(c) No. of dwelling-houses in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit..... 25
(2) Total No. of dwelling-houses existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit..... 23

2. Houses Demolished:In Clearance Areas:

- (1) Houses unfit for human habitation.....
(2) Houses included by reason of bad arrangement, etc.....
(3) Houses on land acquired under Section 43/(2), Housing Act, 1957.....

Not in Clearance Areas:

- (4) As a result of formal or informal procedure under Section 17/(1), Housing Act, 1957.....
(5) Local Authority owned houses certified unfit by Medical Officer of Health.....
(6) Houses unfit for human habitation where action has been taken under local Acts.....
(7) Unfit houses included in Unfitness Orders.....

Houses Demolished.	Displaced during year.	
	Persons.	Families.
6	16	6
-	-	-
-	-	-
11	29	7
-	-	-
-	-	-
-	-	-

3. Unfit Houses Closed:-

	Number	Displaced during year.	
		Persons	Families.
(1) Under Secs.16(4),17(1), and 35(1),Housing Act, 1957.....	1	2	1
(2) Under Secs.17(3) and 26, Housing Act,1957.....	-	-	-
(3) Parts of buildings closed under Sec.18, Housing Act,1957.....	-	-	-

4. Unfit Houses made Fit and Houses in which defects were remedied:-

	By Owner.	By L.A.
(1) After informal action by L.A.....	11	-
(2) After formal notice under:		
(a) Public Health Acts.....	3	-
(b) Housing Act,1957, Secs. 9 and 16.....	1	-
(3) Under Sec.24,Housing Act,1957....	-	-

5. Unfit houses in Temporary Use - Housing Act,1957:-

	No.of houses:	No.of separate dwellings contained in Col.(1).
<u>Position at end of year:</u>		
(1) Retained for temporary accommodation -		
(a) Under Sec.48.....	-	-
(b) Under Sec.17(2).....	-	-
(c) Under Sec.46.....	-	-
(2) Licensed for temporary occupation under Secs.34 or 53.....	-	-

6. Purchase of Houses by Agreement:-

	No.of Houses:	No.of occupants of houses in Col(1).
	(1)	(2)
Houses in Clearance Areas other than those included in confined Clearance Orders or Compulsory Purchase Orders, purchased during the year.	-	-

7. Housing Act, 1949 and Housing (Financial Provisions) Act, 1958 - Improvement Grants, etc:-

Action during year:	Private bodies or individuals:		Local Authority:	
	No. of schemes.	No. of dwelling-houses or other buildings affected.	No. of schemes.	No. of dwelling-houses or other buildings affected.
(a) Submitted by private individuals to L.A.	3	3	-	-
(b) Approved by L.A.	2	-	-	-
(c) Submitted by L.A. to Ministry.	-	-	-	-
(d) Finally approved by Ministry.	-	-	-	-
(e) Work completed.	2	2	-	-
(f) Additional separate dwellings included in (e) above.	-	-	-	-

8. House Purchase and Housing Act, 1959-Standard Grants:-

Action during year:	No. of dwellings or other buildings affected.
(a) Applications submitted to Local Authority.	4
(b) Applications approved by Local Authority.	1
(c) Work completed.	1

RENT ACT, 1957.

No applications of any description were received during the year.

HOUSING ACT, 1957. SEC. 16.

1.	Individual houses reported upon to Council.....	1
2.	Demolition Orders made.....	-
3.	Undertakings accepted - "house ceased to be used for habitation".....	-
4.	Undertakings accepted - "render house fit for habitation.....	1
5.	Works completed during year in respect of undertakings.....	1
6.	Undertakings outstanding at end of year.....	2
7.	Houses demolished during year.....	6
8.	Houses demolished voluntarily during year.....	4
9.	Number of families re-housed in Council houses.	-

HOUSING ACT, 1957. SEC. 42.

1.	Clearance areas reported to Council.....	2
2.	Number of houses in Clearance Areas.....	9
3.	Number of Orders confirmed.....	1
4.	Number of houses in Clearance Areas demolished during year.....	6
5.	Number of families re-housed in Council houses.	4
6.	Number of Enquiries held during year.....	2
7.	Number of houses involved in Enquiries.....	9

M I L K S U P P L Y.

There are two dairies registered under the Milk and Dairies Regulations. These have been inspected and particular attention has been paid to the cleanliness of the premises and equipment coming into contact with the milk.

The bulk of the milk consumed in this area is supplied by large dairies from outside the district and regular sampling of all designations of milk is carried out.

Distributors registered by Local Authority.

Distributors with premises in district(including shops). 50
Distributors with premises outside district..... 10

MILK SAMPLES.

Type.	No. of Samples.	Satis- factory.	Unsatis- factory.	Void Samples.
<u>Raw Milk(T.T.)</u>				
(i) Methylene Blue Test.....	10	6	3	1
<u>Heat Treated Milk.</u>				
(i) Methylene Blue Test.....	77	74	3	-
(ii)Phosphatase Test.....		77	-	-
(iii) Turbidity Test.....	30	30	-	-

FOOD AND DRUGS ACT, 1955.NUMBER OF FOOD PREMISES BY TYPE OF BUSINESS.
IN DISTRICT AT END OF YEAR.

TYPE OF BUSINESS.	NUMBER.
General grocers and provision dealers.....	62
Greengrocers and fruiterers(including those selling wet fish, game, etc.).....	14
Fishmongers(including those selling poultry, game, etc.).....	5
Meat shops(butchers, purveyors of cooked and preserved meats, tripe, etc.).....	23
Bakers and/or confectioners.....	18
Fried fish shops.....	11
Shops selling mainly sugar confectionery, minerals, ice-cream, etc.....	33
Licensed premises, clubs, canteens, cafes, restaurants, snack bars and similar catering establishments.....	44

NUMBER OF FOOD PREMISES, BY TYPE, REGISTERED
UNDER SEC. 16 OF FOOD AND DRUGS ACT, 1955;
LANCASHIRE COUNTY COUNCIL ACTS OR OTHER
LOCAL ACTS.

TYPE OF BUSINESS.	NO. REGISTERED at 31.12.61.	NO OF INSPECTIONS
Manufacturers of preserved food.....	32	Inspections carried out when visit- ing under Food Hygiene Regulations.
Premises registered for manufacture of Ice Cream.	2	
Premises registered for sale of Ice Cream.....	108	
Premises in area registered for Food	13	
Hawkers.....		

FOOD AND DRUGS ACT, 1955.

The following information has been supplied by the County Medical Officer of Health, (Dr. S.C. Gawne), with reference to the number of samples taken in this area by the County Public Health Inspectors.

Milk Samples.....	66
Food Samples.....	39
	<u>105</u>

1 Invert sugar and honey spread.	1 Mustard, liquid.
1 Sodium bicarbonate B.P.	1 Olive oil.
1 Cod liver oil.	2 Compound codeine tablets B.P.
1 Arrowroot.	1 Boracic acid powder.
1 Bacon.	1 Bread.
2 Gin and Orange.	1 Butter.
1 Salad cream.	1 Vinegar.
1 Self raising flour.	1 Cocoa.
1 Honey.	2 Lard.
3 Fresh fruit.	1 Cream of tartar.
1 Ice-cream.	1 Vegetables, canned.
1 Ground cinamon.	1 Ground, mixed spice.
1 Table jelly.	1 Ground nutmeg.
2 Penicillin tablets 200,000 I.U.	1 Fish, canned.
1 Meat and potato pie.	1 Ammoniated tincture of quinine.
1 Beef sausage.	2 Flour confectionery B.P.C.

Below are details of samples taken by the County Public Health Inspectors upon which the County Analyst gave adverse reports:-

<u>Type of Sample.</u>	<u>Result of Analysis.</u>	<u>Action Taken.</u>
1 Gin and orange.	Alcohol non-detected. Acidity (as citric acid) 0.83% w/v. Total solids 20.1% w/v. Sample devoid of gin or other spirit and consisted of a drink of the nature of orange squash.	Licensed premises visited.
1 Ammoniated tincture of quinine B.P.C.	Ammonia 0.34.%, deficient 0.51% of the minimum amount of ammonia. (Limits 0.85-1.05% w/v NH ₃)	Vendor communicated with. Stock withdrawn.
1 Meat and potato pie.	Contained one small dead cockroach weighing 0.126 gramme, measuring approx. 0.5" in length.	Legal proceedings instituted. Vendor fined £10. Costs awarded £17. 14. Od.

UN SOUND FOODSTUFFS.

It was found necessary, after examination and tests, to accept the voluntary surrender of the following foodstuffs.

<u>Foodstuffs:</u>	<u>Tins.</u>	<u>Weight.</u> cwts. lbs. ozs.
<u>Meat:</u>		
Ham.....	5	- 61 4
Jellied Veal.....	1	- 6 -
Tongue.....	2	- 2 12
Bacon.....	-	- 46 8
Pork.....	24	1 23 15
Corned Beef.....	4	- 1 12
Steak.....	4	- 3 15½

Fruit:

Plums (2 boxes).....	-	- 60 -
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Miscellaneous:

Fish (2 tins Lobster).	2	- - 6
Biscuits (125 packets).	-	- - -
Frozen Eggs.....	3	- 42 -
	<u>45</u>	<u>3 24 8½</u>

METHOD OF DISPOSAL OF CONDEMNED FOODS.

Occasionally condemned foodstuffs are burned in the Council's boiler, but mainly they are disposed of by burying on the Council's refuse tip.

I C E C R E A M.

108 dealers were on the register at the end of the year and regular inspections were carried out at these premises.

ANALYSIS OF SAMPLES OF ICE CREAM.

Ref. No.	Methylene Blue Test. Provisional Grade:				Satisfactory or Not.
	1	2	3	4	
1	1	-	-	-	Yes
2	1	-	-	-	Yes
3	1	-	-	-	Yes
4	1	-	-	-	Yes
5	1	-	-	-	Yes
6	1	-	-	-	Yes
7	1	-	-	-	Yes
8	-	-	1	-	No
9	1	-	-	-	Yes
10	1	-	-	-	Yes
11	1	-	-	-	Yes
12	1	-	-	-	Yes
13	1	-	-	-	Yes
14	-	-	1	-	No
15	1	-	-	-	Yes
16	1	-	-	-	Yes
17	1	-	-	-	Yes
18	1	-	-	-	Yes
19	1	-	-	-	Yes
20	1	-	-	-	Yes
21	1	-	-	-	Yes
22	1	-	-	-	Yes
23	1	-	-	-	Yes
24	1	-	-	-	Yes
25	1	-	-	-	Yes
26	1	-	-	-	Yes
27	1	-	-	-	Yes
28	1	-	-	-	Yes
29	1	-	-	-	Yes
30	1	-	-	-	Yes
31	1	-	-	-	Yes
32	1	-	-	-	Yes
33	1	-	-	-	Yes
34	1	-	-	-	Yes
35	1	-	-	-	Yes
36	1	-	-	-	Yes
37	1	-	-	-	Yes
38	1	-	-	-	Yes
39	1	-	-	-	Yes
40	-	1	-	-	Yes

ICE CREAM SAMPLES. (CONTD.)

Ref. No.	Methylene Blue Test. Provisional Grade:				Satisfactory or Not.
	1	2	3	4	
41	-	1	-	-	Yes
42	-	1	-	-	Yes
43	1	-	-	-	Yes
44	1	-	-	-	Yes
45	1	-	-	-	Yes
46	1	-	-	-	Yes

Ice Cream Samples taken..... 46

Number Satisfactory..... 44

Number not satisfactory..... 2

ICE CREAM(HEAT TREATMENT ETC.)REGULATIONS,1959.

Under the above Regulations, 7 samples of Ice Lollies were obtained and submitted to the Public Health Laboratory, Preston, for pH Values. As a result of these investigations, it was found that the pH Values varied from 2.6 to 3.3 and consequently, these were exempted from the Heat Treatment provisions of the above Regulations.

Reference No.pH Values.

1/IL/61	3.3
2/IL/61	2.6
3/IL/61	3.3
4/IL/61	3.1
5/IL/61	3.1
6/IL/61	3.0
7/IL/61	2.6

INSPECTION AND SUPERVISION OF FOOD.FOOD HYGIENE(GENERAL)REGULATIONS, 1960.

Regular inspections have been carried out to all premises coming within the scope of the Food Hygiene Regulations. Much work has been done and on the whole, co-operation has been fairly good. The work involved has been tremendous and has meant hundreds of additional inspections during the past four years.

The following table shows the number of the various food premises inspected; the number where work is completed and the number where work was still outstanding at the end of 1961.

Description of Premises.	No. of Premises.	No. where work is completed.	No. where work is still out-standing.
Boarding establishments (including Boarding Houses, Private and Licensed Hotels..	136	128	8
Grocers Shops.....	62	51	11
Grocers/Greengrocers Shops...	6	6	-
Cafes and Snack Bars.....	24	18	6
Butchers Shops and their Preparation Rooms.....	22	17	5
Bakehouses & Confectioners...	19	19	-
Fish Frying Premises.....	11	9	2
Public Houses & Licensed Clubs.....	13	5	8
Wet Fish Shops(including Wet Fish/Greengrocers).....	13	13	-
Greengrocers.....	7	7	-
Canteens(Factory & School)...	9	9	-
Sweet Factories.....	2	2	-
Miscellaneous Premises.....	2	2	-
TOTAL:	326	286	40

METEOROLOGICAL OBSERVATIONS.

The rainfall is taken daily at 9.0. a.m. at the Council's Depot,
and reports are placed monthly before the Council.

YEAR.	JAN.	FEB.	MARCH	APRIL	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL.
1940	2.60	1.65	3.25	1.76	1.71	0.40	2.77	1.15	2.37	3.62	4.51	3.30	28.99
1941	1.18	3.49	2.29	0.72	3.10	0.57	0.94	2.42	0.90	4.10	1.95	1.03	22.69
1942	3.04	1.47	2.22	1.53	2.93	0.77	3.02	3.85	2.32	3.31	0.81	3.36	28.63
1943	5.83	1.74	0.55	1.92	3.29	2.10	4.63	4.74	4.78	4.50	2.73	1.56	38.37
1944	3.59	1.00	0.49	3.20	2.38	1.79	2.76	3.19	4.27	4.43	6.27	3.73	37.10
1945	2.29	4.54	1.57	1.70	3.40	2.80	2.59	0.71	3.48	5.21	0.15	2.93	31.37
1946	4.99	3.71	0.93	1.06	1.91	2.42	3.73	4.15	5.06	0.57	6.09	4.26	38.88
1947	2.95	0.55	4.81	3.21	4.57	2.43	3.16	0.66	3.45	0.50	3.73	2.08	32.10
1948	6.19	1.58	1.62	1.21	1.33	5.03	1.79	0.69	4.68	3.20	2.73	2.39	34.84
1949	1.85	1.36	1.74	2.77	3.04	0.30	3.21	2.55	0.79	4.74	3.35	5.25	30.95
1950	1.56	4.05	1.67	2.02	0.75	1.47	2.78	6.60	6.33	3.27	4.39	2.60	37.49
1951	4.03	3.19	4.67	1.10	3.34	1.04	1.52	3.37	3.74	1.53	9.04	7.61	44.18
1952	2.94	0.79	2.26	2.87	2.71	2.41	1.42	3.51	3.56	3.73	1.71	3.24	31.15
1953	1.52	0.85	0.54	2.66	2.07	1.62	4.60	3.86	5.18	1.78	4.57	1.85	31.10
1954	2.44	3.47	2.07	1.08	2.88	4.17	4.65	4.96	7.16	10.07	7.77	4.62	55.34
1955	2.77	2.42	1.64	2.05	2.58	4.51	2.29	1.22	3.14	3.04	2.29	4.40	32.35
1956	4.64	0.42	1.36	2.25	1.91	2.35	4.44	12.96	4.08	3.39	2.10	4.79	44.69
1957	4.36	3.39	2.56	0.41	3.74	2.20	4.16	5.73	6.07	6.53	1.69	5.25	46.09
1958	4.52	6.28	1.52	1.52	4.00	4.09	3.19	3.39	3.65	4.15	1.92	3.39	41.62
1959	3.46	0.49	2.56	3.13	1.57	3.91	4.17	0.42	0.39	3.95	4.33	7.51	35.89
1960	5.51	3.00	1.42	2.24	2.81	1.47	5.03	3.06	3.55	2.73	8.48	3.81	43.11
1961	5.52	3.21	0.91	4.81	1.97	2.10	3.98	5.01	3.28	4.95	4.14	3.14	43.02

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